WHAT IS CLAIMED IS:

1. A method of identifying complex text comprising:

if a presentation data stream contains a complex text string, inserting before said complex text string a preselected control in the presentation data stream, wherein the preselected control corresponds to a plurality of parameters for controlling processing of complex text, each parameter represented by a corresponding value in the preselected control, a first parameter having a value indicating a control type for controlling processing of complex text, a second parameter taking one or more values for enabling and disabling the processing of complex text.

2. The method of claim 1 wherein the one or more values for enabling and disabling the processing of complex text comprise a set of values for enabling and disabling a first type of processing of complex text.

3. The method of claim 2 wherein the first type of processing of complex text comprises bidirectional (*bidi*) processing.

4. The method of claim 2 wherein the plurality of parameters further includes a third parameter, wherein the third parameter takes one or more values for enabling and disabling a second type of processing of complex text.

5. The method of claim 4 wherein the second type of processing of complex text comprises glyph processing.

6. The method of claim 1 wherein the plurality of parameters further includes a third parameter, the third parameter taking a value comprising an alternate text position.

7. A method for processing complex text comprising:

responsive to a first predetermined type of control in a presentation data stream, wherein the first predetermined type of control includes a first parameter represented by a corresponding value in the first predetermined type of control for controlling a first type of complex text processing:

determining if a first type of complex text processing is enabled;

applying the first type of complex text processing to a complex text string succeeding said first predetermined type of control in the presentation data stream, if the first type of complex text processing is enabled.

8. The method of claim 7 wherein the first type of complex text processing comprises bidirectional (*bidi*) processing.

9. The method of claim 8 wherein the first parameter takes one or more values for enabling and disabling the processing of complex text, and wherein the one or more values for enabling and disabling the processing of complex text includes one or more values for determining a paragraph direction for the bidirectional processing of the complex text.

10. The method of claim 7 wherein the first predetermined type of control includes a second parameter represented by a corresponding value in the predetermined type of control for controlling a second type of complex text processing, the method further comprising:

determining if a second type of complex text processing is enabled;

applying the second type of complex text processing to the complex text string succeeding said first predetermined type of control in the presentation data stream, if the second type of complex text processing is enabled.

11. The method of claim 10 wherein the second type of complex text processing comprises glyph processing.

12. The method of claim 7 further comprising:

responsive to a second predetermined type of control in the presentation data stream, the second predetermined type of control including a parameter represented by a corresponding value in the second predetermined type of control operable for disabling the first type of complex text processing:

determining if the first type of complex text processing is disabled; and

if the first type of complex text processing is disabled, overriding said step of applying the first type of complex text processing to the complex text string.

13. The method of claim 7 wherein the first predetermined type of control includes a second parameter represented by a corresponding value in the first predetermined type of control for determining an alternate text position, the method including setting a text position using said alternate text position if the first type of complex text processing is enabled.

14. A machine readable computer program product including programming for identifying complex text comprising programming instructions for:

if a presentation data stream contains a complex text string, inserting before said complex text string a preselected control in the presentation data stream, wherein the preselected control corresponds to a plurality of parameters for controlling

processing of complex text, each parameter represented by a corresponding value in the preselected control, a first parameter having a value indicating a control type for controlling processing of complex text, a second parameter taking one or more values for enabling and disabling the processing of complex text.

15. The computer program product of claim 14 wherein the one or more values for enabling and disabling the processing of complex text comprise a set of values for enabling and disabling a first type of processing of complex text.

16. The computer program product of claim 15 wherein the first type of processing of complex text comprises bidirectional (*bidi*) processing.

17. The computer program product of claim 15 wherein the plurality of parameters further includes a third parameter, wherein the third parameter takes one or more values for enabling and disabling a second type of processing of complex text.

18. The computer program product of claim 17 wherein the second type of processing of complex text comprises glyph processing.

19. The computer program product of claim 14 wherein the plurality of parameters further includes a third parameter, the third parameter taking a value comprising an alternate text position.

20. A machine readable computer program product including programming for processing complex text comprising programming instructions for:

responsive to a first predetermined type of control in a presentation data stream, wherein the first predetermined type of control includes a first parameter represented by a corresponding value in the first predetermined type of control for controlling a first type of complex text processing:

determining if a first type of complex text processing is enabled;

applying the first type of complex text processing to a complex text string succeeding said first predetermined type of control in the presentation data stream, if the first type of complex text processing is enabled.

21. The computer program product of claim 20 wherein the first type of complex text processing comprises bidirectional (*bidi*) processing.

22. The computer program product of claim 21 wherein the first parameter takes one or more values for enabling and disabling the processing of complex text, and wherein the one or more values for enabling and disabling the processing of complex text includes one or more values for determining a paragraph direction for the bidirectional processing of the complex text.

23. The computer program product of claim 20 wherein the first predetermined type of control includes a second parameter represented by a corresponding value in the predetermined type of control for controlling a second type of complex text processing, the method further comprising:

determining if a second type of complex text processing is enabled;

applying the second type of complex text processing to the complex text string succeeding said first predetermined type of control in the presentation data stream, if the second type of complex text processing is enabled.

24. The computer program product of claim 23 wherein the second type of complex text processing comprises glyph processing.

25. The computer program product of claim 20 further comprising programming instructions for:

responsive to a second predetermined type of control in the presentation data stream, the second predetermined type of control including a parameter represented by a corresponding value in the second predetermined type of control operable for disabling the first type of complex text processing:

determining if the first type of complex text processing is disabled; and

if the first type of complex text processing is disabled, overriding said step of applying the first type of complex text processing to the complex text string.

26. The computer program product of claim 20 wherein the first predetermined type of control includes a second parameter represented by a corresponding value in the first predetermined type of control for determining an alternate text position, the programming instructions including instructions for setting a text position using said alternate text position if the first type of complex text processing is enabled.

27. A data processing system for identifying complex text comprising:

circuitry operable for, if a presentation data stream contains a complex text string, inserting before said complex text string a preselected control in the presentation data stream, wherein the preselected control corresponds to a plurality of parameters for controlling processing of complex text, each parameter represented by a corresponding value in the preselected control, a first parameter having a value indicating a control type for controlling processing of complex text, a second parameter taking one or more values for enabling and disabling the processing of complex text.

28. The data processing system of claim 27 wherein the one or more values for enabling and disabling the processing of complex text comprise a set of values for enabling and disabling a first type of processing of complex text.

29. The data processing system of claim 28 wherein the first type of processing of complex text comprises bidirectional (*bidi*) processing.

30. The data processing system of claim 28 wherein the plurality of parameters further includes a third parameter, wherein the third parameter takes one or more values for enabling and disabling a second type of processing of complex text.

31. The data processing system of claim 30 wherein the second type of processing of complex text comprises glyph processing.

32. The data processing system of claim 27 wherein the plurality of parameters further includes a third parameter, the third parameter taking a value comprising an alternate text position.

33. A data processing system for processing complex text comprising:

circuitry operable for, responsive to a first predetermined type of control in a presentation data stream, wherein the first predetermined type of control includes a first parameter represented by a corresponding value in the first predetermined type of control for controlling a first type of complex text processing:

circuitry operable for, determining if a first type of complex text processing is enabled;

circuitry operable for applying the first type of complex text processing to a complex text string succeeding said first predetermined type of control in the presentation data stream, if the first type of complex text processing is enabled.

34. The data processing system of claim 33 wherein the first type of complex text processing comprises bidirectional (*bidi*) processing.

35. The data processing system of claim 34 wherein the first parameter takes one or more values for enabling and disabling the processing of complex text, and wherein the one or more values for enabling and disabling the processing of complex text includes one or more values for determining a paragraph direction for the bidirectional processing of the complex text.

36. The data processing system of claim 33 wherein the first predetermined type of control includes a second parameter represented by a corresponding value in the predetermined type of control for controlling a second type of complex text processing, the system further comprising:

circuitry operable for determining if a second type of complex text processing is enabled;

circuitry operable for applying the second type of complex text processing to the complex text string succeeding said first predetermined type of control in the presentation data stream, if the second type of complex text processing is enabled.

37. The data processing system of claim 36 wherein the second type of complex text processing comprises glyph processing.

38. The data processing system of claim 33 further comprising:

circuitry operable for, responsive to a second predetermined type of control in the presentation data stream, the second predetermined type of control including a parameter represented by a corresponding value in the second predetermined type of control operable for disabling the first type of complex text processing:

determining if the first type of complex text processing is disabled; and

if the first type of complex text processing is disabled, overriding said step of applying the first type of complex text processing to the complex text string.

39. The data processing system of claim 33 wherein the first predetermined type of control includes a second parameter represented by a

corresponding value in the first predetermined type of control for determining an alternate text position, the data processing system including circuitry operable for setting a text position using said alternate text position if the first type of complex text processing is enabled.